**ANU J- 2037032**

**1.Create a query to find the county of residence where the average age of the mother is 30.1**

Query: SELECT

County\_of\_Residence

FROM

bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

WHERE Ave\_Age\_of\_Mother=30.1

**2.Create a query to extract all data from the first 20 rows of the dataset county\_natality**

Query: SELECT \* FROM `bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality` LIMIT 20

**3.Create a query to obtain the maximum and minimum average birth weight (in grams)**

Query: SELECT

MIN(Ave\_Birth\_Weight\_gms)as min,

MAX(Ave\_Birth\_Weight\_gms)as max

FROM bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

**4.Create a query to obtain all data in the first 20 rows that fall within the time period 1st Jan 2018 and 1st Jan 2019**

Query: SELECT \*

FROM bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

WHERE

Year between date("2018-01-01") and date("2019-01-01")

LIMIT 20

**5. Create a query to order the first 20 rows of county of residence by ascending order of the average pre pregnancy BMI**

Query: SELECT County\_of\_Residence

FROM bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

ORDER BY

Ave\_Pre\_pregnancy\_BMI

LIMIT 20

**6. Create a query to obtain first 10 rows of data on the number of births in cases where the average number of prenatal visits ranges between 10 and 12.5 weeks**

Query: SELECT Births

FROM bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

WHERE

Ave\_Number\_of\_Prenatal\_Wks<=12.5 and Ave\_Number\_of\_Prenatal\_Wks>=10

LIMIT 10

**7. Create a query to obtain first 20 rows of data on county of residence FIPS, births, average OE gestational age and average LM gestational age in the year 2019**

Query**:** SELECT Year>=("2019-01-01")and Year<=("2019-12-01"),

County\_of\_Residence\_FIPS,

Births,

Ave\_OE\_Gestational\_Age\_Wks,

Ave\_LMP\_Gestational\_Age\_Wks

FROM bigquery-public-data.sdoh\_cdc\_wonder\_natality.county\_natality

LIMIT 20

**8. Create a query to match the first 10 rows of branch city with the state name in the FDIC location table using the county FIPS code in the FDIC institution table**

Query**:** SELECT

ins.state\_name,

ins.branch\_city,

id.county\_fips\_code

FROM

`bigquery-public-data.fdic\_banks.locations` ins

RIGHT JOIN

`bigquery-public-data.fdic\_banks.institutions` id

ON

(ins.county\_fips\_code=id.county\_fips\_code)

LIMIT 10

**9. Create a query** **to match the first 10 rows of branch address with the branch number in the FDIC location table using the FDIC certificate number in the FDIC institution table**

Query**:** SELECT

ins.branch\_number,

ins.branch\_address,

id.fdic\_certificate\_number

FROM

`bigquery-public-data.fdic\_banks.locations` ins

LEFT JOIN

`bigquery-public-data.fdic\_banks.institutions` id

ON

(ins.fdic\_certificate\_number=id.fdic\_certificate\_number)

LIMIT 10

**10. Create a query to join first 10 rows of date when data was last updated with branch number in the FDIC location table with county FIPS code in the FDIC institution table**

Query**:** SELECT

ins.last\_updated,

ins.branch\_number,

id.county\_fips\_code

FROM

`bigquery-public-data.fdic\_banks.locations` ins

FULL JOIN

`bigquery-public-data.fdic\_banks.institutions` id

ON

(ins.county\_fips\_code=id.county\_fips\_code)

LIMIT 10